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Substitute for form 1449A/B/PTO				Complete If Known	
				Application Number	10/769,787-Conf. #9244
				Filing Date	February 3, 2004
				First Named Inventor	John T. Moore
				Art Unit	2812 2832
				Examiner Name	Not Yet Assigned T.M. Thomas
Sheet	1	of	3	Attorney Docket Number	M4065.0989/P989-A

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
JM	A	US 2004/0035401	2/2004	Ramachandran et al.	
	B	US 2003/0212724	11/2003	Ovshinsky et al.	
	C	US 2003/0048744	3/2003	Ovshinsky et al.	
	D	US 2003/0212725	11/2003	Ovshinsky et al.	
	E	US RE 37,259E	7/2001	Ovshinsky	
	F	US 3,271,591	9/1966	Ovshinsky	
	G	US 3,961,314	6/1976	Klose et al.	
	H	US 3,966,317	6/1976	Wacks et al.	
	I	US 3,983,542	11/1976	Ovshinsky	
	J	US 3,988,720	10/1976	Ovshinsky	
	K	US 4,177,474	12/1979	Ovshinsky	
	L	US 4,267,261	5/1981	Hallman et al.	
	M	US 4,597,162	7/1986	Johnson et al.	
	N	US 4,608,296	8/1986	Keem et al.	
	O	US 4,637,895	1/1987	Ovshinsky et al.	
	P	US 4,646,266	2/1987	Ovshinsky et al.	
	Q	US 4,664,939	5/1987	Ovshinsky	
	R	US 4,668,968	5/1987	Ovshinsky et al.	
	S	US 4,670,763	6/1987	Ovshinsky et al.	
	T	US 4,673,957	6/1987	Ovshinsky et al.	
	U	US 4,678,679	7/1987	Ovshinsky	
	V	US 4,696,758	9/1987	Ovshinsky et al.	
	W	US 4,698,234	10/1987	Ovshinsky et al.	
	X	US 4,710,899	12/1987	Young et al.	
	Y	US 4,728,406	3/1988	Banerjee et al.	
	Z	US 4,737,379	4/1988	Hudgens et al.	
	A1	US 4,766,471	8/1988	Ovshinsky et al.	
	B1	US 4,769,338	9/1988	Ovshinsky et al.	
	C1	US 4,775,425	10/1988	Guha et al.	
	D1	US 4,788,594	11/1988	Ovshinsky et al.	
	E1	US 4,809,044	2/1989	Pryor et al.	
	F1	US 4,818,717	4/1989	Johnson et al.	
	G1	US 4,843,443	6/1989	Ovshinsky et al.	
	H1	US 4,845,533	7/1989	Pryor et al.	
	I1	US 4,853,785	8/1989	Ovshinsky et al.	
	J1	US 4,891,330	1/1990	Guha et al.	
	K1	US 5,128,099	7/1992	Strand et al.	
	L1	US 5,159,661	10/1992	Ovshinsky et al.	
	M1	US 5,166,758	11/1992	Ovshinsky et al.	
	N1	US 5,177,567	1/1993	Klersy et al.	
	O1	US 5,296,716	3/1994	Ovshinsky et al.	

I. M. Thomas

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				Art Unit	2812-2822
				Examiner Name	Not Yet Assigned T. M. Thomas
Sheet	2	of	3	Attorney Docket Number	M4065.0989/P989-A

JM	P1	US 5,335,219	8/1994	Ovshinsky et al.	
	Q1	US 5,359,205	10/1994	Ovshinsky	
	R1	US 5,341,328	8/1994	Ovshinsky et al.	
	S1	US 5,406,509	4/1995	Ovshinsky et al.	
	T1	US 5,414,271	5/1995	Ovshinsky et al.	
	U1	US 5,534,711	7/1996	Ovshinsky et al.	
	V1	US 5,534,712	7/1996	Ovshinsky et al.	
	W1	US 5,536,947	7/1996	Klersy et al.	
	X1	US 5,543,737	8/1996	Ovshinsky	
	Y1	US 5,591,501	1/1997	Ovshinsky et al.	
	Z1	US 5,596,522	1/1997	Ovshinsky et al.	
	A2	US 5,687,112	11/1997	Ovshinsky	
	B2	US 5,694,054	12/1997	Ovshinsky et al.	
	C2	US 5,714,768	2/1998	Ovshinsky et al.	
	D2	US 5,825,046	10/1998	Czubatyj et al.	
	E2	US 5,912,839	6/1999	Ovshinsky et al.	
	F2	US 5,933,365	8/1999	Klersy et al.	
	G2	US 6,011,757	1/2000	Ovshinsky	
	H2	US 6,087,674	7/2000	Ovshinsky et al.	
	I2	US 6,141,241	10/2000	Ovshinsky et al.	
	J2	US 6,339,544	1/2002	Chiang et al.	
	K2	US 6,404,665	6/2002	Lowery et al.	
	L2	US 6,429,064	8/2002	Wicker	
	M2	US 6,437,383	8/2002	Xu	
	N2	US 6,462,984	10/2002	Xu et al.	
	O2	US 6,480,438	11/2002	Park	
	P2	US 6,487,113	11/2002	Park et al.	
	Q2	US 6,501,111	12/2002	Lowery	
	R2	US 6,507,061	1/2003	Hudgens et al.	
	S2	US 6,511,862	1/2003	Hudgens et al.	
	T2	US 6,511,867	1/2003	Lowery et al.	
	U2	US 6,512,241	1/2003	Lai	
	V2	US 6,514,805	2/2003	Xu et al.	
	W2	US 6,531,373	3/2003	Gill et al.	
	X2	US 6,534,781	3/2003	Dennison	
	Y2	US 6,545,287	4/2003	Chiang	
	Z2	US 6,545,907	4/2003	Lowery et al.	
	A3	US 6,555,860	4/2003	Lowery et al.	
	B3	US 6,563,164	5/2003	Lowery et al.	
	C3	US 6,566,700	5/2003	Xu	
	D3	US 6,567,293	5/2003	Lowery et al.	
	E3	US 6,569,705	5/2003	Chiang et al.	
	F3	US 6,570,784	5/2003	Lowery	
	G3	US 6,576,921	6/2003	Lowery	
JM	H3	US 6,586,761	7/2003	Lowery	

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>				Application Number	10/769,787-Conf. #9244
Sheet	3	of	3	Filing Date	February 3, 2004
				First Named Inventor	John T. Moore
				Art Unit	2812 3822
				Examiner Name	Not Yet Assigned T. M. Thomas
				Attorney Docket Number	M4065.0989/P989-A

JM	I3	US 6,589,714	7/2003	Maimon et al.	
	J3	US 6,590,807	7/2003	Lowery	
	K3	US 6,593,176	7/2003	Dennison	
	L3	US 6,597,009	7/2003	Wicker	
	M3	US 6,605,527	8/2003	Dennison et al.	
	N3	US 6,613,604	9/2003	Maimon et al.	
	O3	US 6,621,095	9/2003	Chiang et al.	
	P3	US 6,625,054	9/2003	Lowery et al.	
	Q3	US 6,642,102	11/2003	Xu	
	R3	US 6,646,297	11/2003	Dennison	
	S3	US 6,649,928	11/2003	Dennison	
	T3	US 6,667,900	12/2003	Lowery et al.	
	U3	US 6,671,710	12/2003	Ovshinsky et al.	
	V3	US 6,673,648	1/2004	Lowrey	
	W3	US 6,673,700	1/2004	Dennison et al.	
	X3	US 6,674,115	1/2004	Hudgens et al.	
	Y3	US 6,687,427	2/2004	Ramalingam et al.	
	Z3	US 6,690,026	2/2004	Peterson	
	A4	US 6,696,355	2/2004	Dennison	
	B4	US 6,687,153	2/2004	Lowery	
	C4	US 6,707,712	3/2004	Lowery	
JM	D4	US 6,714,954	3/2004	Ovshinsky et al.	

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Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
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					T ⁵

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NON PATENT LITERATURE DOCUMENTS					
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.			T ²

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¹ Applicant's unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached.

T. M. Thomas

06-22-05

Substitute for form 1449A/PTO				Complete if Known	
				Application Number	NOT YET ASSIGNED
				Filing Date	Concurrently Herewith
				First Named Inventor	John T. Moore, et al.
				Art Unit	N/A- 2822
				Examiner Name	Not Yet Assigned T. M. Thomas
Sheet	1	of	11	Attorney Docket Number	M4065.0989/P989-A

U. S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (# known)			
JMJ	AB**	2002/0072188	6/13/2002	Gilton	
JMJ	AC**	2002/0106849	08/08/2002	Moore	
JMJ	AH**	2002/0123169	09/05/2002	Moore et al.	
JMJ	AI**	2002/0123170	09/05/2002	Moore et al.	
JMJ	AJ**	2002/0123248	09/05/2002	Moore et al.	
JMJ	AK**	2002/0127886	09/12/2002	Moore et al.	
JMJ	AL**	2002/0132417	09/09/2002	Li	
JMJ	**	2002/0160551	10/31/2002	Harshfield	
JMJ	AF**	2002/0163828	11/07/2002	Krieger et al.	
JMJ	AM**	2002/0168852	11/14/2002	Harshfield et al.	
JMJ	AN**	2002/0190289	12/19/2002	Harshfield et al.	
JMJ	AP**	2003/0001229	01/02/2003	Moore et al.	
JMJ	AQ**	2003/0027416	02/06/2003	Moore	
JMJ	AR**	2003/0032254	02/13/2003	Gilton	
JMJ	AU**	2003/0038301	02/27/2003	Moore	
JMJ	AV**	2003/0043631	03/06/2003	Gilton et al.	
JMJ	AW**	2003/0045049	03/06/2003	Campbell et al.	
JMJ	AX**	2003/0045054	03/06/2003	Campbell et al.	
JMJ	AY**	2003/0047765	03/13/2003	Campbell	
JMJ	AZ**	2003/0047772	03/13/2003	Li	
JMJ	AA1**	2003/0047773	03/13/2003	Li	
JMJ	AC1**	2003/0049912	03/13/2003	Campbell et al.	
JMJ	AD1**	2003/0068861	04/10/2003	Li	
JMJ	AE1**	2003/0068862	04/10/2003	Li	
JMJ	AF1**	2003/0095426	05/22/2003	Hush et al.	
JMJ	AG1**	2003/0096497	05/22/2003	Moore et al.	
JMJ	AH1**	2003/0107105	06/12/2003	Kozicki	
JMJ	AI1**	2003/0117831	06/26/2003	Hush	
JMJ	AJ1**	2003/0128612	07/10/2003	Moore et al.	
JMJ	AK1**	2003/0137869	07/24/2003	Kozicki	
JMJ	AL1**	2003/0143782	07/31/2003	Gilton et al.	
JMJ	**	2003/1055589	08/21/2003	Campbell et al.	
JMJ	**	2003/0155606	08/21/2003	Campbell et al.	
JMJ	AM1**	2003/0156447	08/21/2003	Kozicki	
JMJ	AN1**	2003/0156463	08/21/2003	Casper et al.	
JMJ	AO1**	3,622,319	11/1971	Sharp	
JMJ	AP1**	3,743,847	7/1973	Boland	
JMJ	AQ1**	4,269,935	5/1981	Masters et al.	
JMJ	AR1**	4,312,938	1/1982	Drexler, et al.	
JMJ	AS1**	4,316,946	1/1982	Masters, et al.	
JMJ	AT1**	4,320,191	3/1982	Yoshikawa et al.	
JMJ	AU1**	4,405,710	9/1983	Balasubramanyam et al.	
JMJ	AV1**	4,419,421	12/1983	Wichelhaus, et al.	
JMJ	AW1**	4,499,557	2/1985	Holmberg et al.	

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Substitute for form 1449A/PTO				Complete if Known	
				Application Number	NOT YET ASSIGNED
				Filing Date	Concurrently Herewith
				First Named Inventor	John T. Moore, et al.
				Art Unit	N/A 2822
				Examiner Name	Not Yet Assigned, T.M. Thomas
Sheet	2	of	11	Attorney Docket Number	M4065.0989/P989-A
<i>JMJ</i>	AX1** 4,671,618		06/09/1987	Wu et al.	
	AY1** 4,795,657		1/1989	Formigoni et al.	
	AZ1** 4,800,526		01/24/1989	Lewis	
	AA2** 4,847,674		7/1989	Sliwa et al.	
	AB2** 5,177,567		1/1993	Klersy et al.	
	AC2** 5,219,788		6/1993	Abernathey et al.	
	AD2** 5,238,862		8/1993	Bialock et al.	
	AE2** 5,272,359		12/21/1993	Nagasubramanian et al.	
	AF2** 5,314,772		5/24/1994	Kozicki	
	AG2** 5,315,131		5/1994	Kishimoto et al.	
	AH2** 5,350,484		9/1994	Gardner et al.	
	AI2** 5,360,981		11/1994	Owen et al.	
	AJ2** 5,500,532		3/19/1996	Kozicki et al.	
	AK2** 5,512,328		4/1996	Yoshimura et al.	
	AL2** 5,512,773		4/1996	Wolf et al.	
	AM2** 5,726,083		3/1998	Takaishi	
	AN2** 5,751,012		5/12/1998	Wolstenholme et al.	
	AP2** 5,789,277		8/1998	Zahorik et al.	
**	5,814,527		9/29/1998	Wolstenholme et al	
**	5,818,749		10/06/1998	Harshfield	
	AQ2** 5,841,150		11/1998	Gonzalez et al.	
	AR2** 5,846,889		12/1998	Harbison et al.	
**	5,851,882		12/22/1998	Harshfield	
**	5,869,843		2/9/1999	Harshfield	
	AU2** 5,920,788		7/1999	Reinberg	
	AV2** 5,998,066		12/1999	Block et al.	
**	6,031,287		2/29/2000	Harshfield	
	AW2** 6,072,716		06/06/2000	Jacobson et al.	
	AX2** 6,077,729		6/2000	Harshfield	
	AZ2** 6,177,338		1/2001	Liaw et al.	
	AA3** 6,117,720		9/2000	Harshfield	
	AB3** 6,143,604		11/2000	Chiang et al.	
	AC3** 6,236,059		5/2001	Wolsteinholme et al.	
	AD3** 6,297,170		10/2001	Gabriel et al.	
	AE3** 6,300,684		10/2001	Gonzalez et al.	
	AF3** 6,316,784		11/2001	Zahorik et al.	
	AG3** 6,329,606		12/2001	Freyman et al.	
	AH3** 6,348,365		2/19/2002	Moore et al.	
	AI3** 6,350,679		2/2002	McDaniel et al.	
	AJ3** 6,376,284		4/2002	Gonzalez et al.	
	AL3** 6,391,688		5/2002	Gonzalez et al.	
	AM3** 6,414,376		7/2002	Thakur et al.	
**	6,420,725		7/16/2002	Harshfield	
	AO3** 6,423,628		7/2002	Li et al.	
**	6,440,837		8/27/2002	Harshfield	
	AQ3** 6,473,332		10/2002	Ignatiev et al.	
**	5,761,115		06/02/98	Kozicki, et al.	
**	5,896,312		04/20/99	Kozicki, et al.	
<i>JMJ</i>	** 5,914,893		06/22/99	Kozicki, et al.	

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					Art Unit	N/A 2822
					Examiner Name	Not Yet Assigned T.M.Thomas
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JMJ	**	6,084,796	07/04/00	Kozicki, et al.	
	**	2002/0000666	01/03/02	Kozicki	
	**	6,388,324	05/14/02	Kozicki	
	**	6,418,049	07/09/02	Kozicki, et al.	
	**	6,469,364	10/22/02	Kozicki	
	**	6,487,106	11/26/02	Kozicki	
	**	2002/0168820	11/14/02	Kozicki, et al.	
	**	2002/0190350	12/19/02	Kozicki, et al.	
	**	2003/0035314	02/20/03	Kozicki	
	**	2003/0035315	02/20/03	Kozicki	
JMJ	**	2003/0048519	03/13/03	Kozicki	

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		Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)				
JMJ	BA**	56126916	10/19/981	Akira et al.		
	BB**	97/48032	12/18/97	WO		
	BC**	99/28914	06/10/99	WO		
	BD**	00/48196	08/17/00	WO		
	BE**	02/21542 A1	03/14/02	WO		
	BF**	02/082452 A2	10/17/02	WO		

Examiner Signature	T. M. Thomas	Date Considered	00-00-05
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Substitute for form 1449B/PTO				Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>				Application Number	10/231,779
Sheet	4	of	11	Filing Date	August 29, 2002
				First Named Inventor	Moore, John T.
				Group Art Unit	2818-2822
				Examiner Name	Nhu, D. T. M. Thomas
				Attorney Docket Number	M4065.0989/P989

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS					
Examiner Initials	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc), date, page(s), volume-issue number(s), publisher, city and/or country where published.			T ²
JM	CA**	Abdel-All, A.; Elshafie,A.; Elhawary, M.M., DC electric-field effect in bulk and thin-film Ge5As38Te57 chalcogenide glass, Vacuum 59 (2000) 845-853.			
	CB**	Adler, D.; Moss, S.C., Amorphous memories and bistable switches, J. Vac. Sci. Technol. 9 (1972) 1182-1189.			
	CC**	Adler, D.; Henisch, H.K.; Mott, S.N., The mechanism of threshold switching in amorphous alloys, Rev. Mod. Phys. 50 (1978) 209-220.			
	CD**	Afifi, M.A.; Labib, H.H.; El-Fazary, M.H.; Fadel, M., Electrical and thermal properties of chalcogenide glass system Se75Ge25-xSbx, Appl. Phys. A 55 (1992) 167-169.			
	CE**	Afifi,M.A.; Labib, H.H.; Fouad, S.S.; El-Shazly, A.A., Electrical & thermal conductivity of the amorphous semiconductor GexSe1-x, Egypt, J. Phys. 17 (1986) 335-342.			
	CF**	Alekperova, Sh.M.; Gadzhieva, G.S., Current-Voltage characteristics of Ag2Se single crystal near the phase transition, Inorganic Materials 23 (1987) 137-139.			
	CG**	Aleksiejunas, A.; Cesnys, A., Switching phenomenon and memory effect in thin-film heterojunction of polycrystalline selenium-silver selenide, Phys. Stat. Sol. (a) 19 (1973) K169-K171.			
	CH**	Angell, C.A., Mobile ions in amorphous solids, Annu. Rev. Phys. Chem. 43 (1992) 693-717.			
	CI**	Aniya, M., Average electronegativity, medium-range-order, and ionic conductivity in superionic glasses, Solid state Ionics 136-137 (2000) 1085-1089.			
	CJ**	Asahara, Y.; Izumitani, T., Voltage controlled switching in Cu-As-Se compositions, J. Non-Cryst. Solids 11 (1972) 97-104.			
	CK**	Asokan, S.; Prasad, M.V.N.; Parthasarathy, G.; Gopal, E.S.R., Mechanical and chemical thresholds in IV-VI chalcogenide glasses, Phys. Rev. Lett. 62 (1989) 808-810			
	CL**	Axon Technologies Corporation, TECHNOLOGY DESCRIPTION: Programmable Metalization Cell/(PMC), pp. 1-6 (Pre-May 2000).			
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>				Application Number	10/231,779
Sheet	10	of	11	Filing Date	August 29, 2002
				First Named Inventor	Moore, John T.
				Group Art Unit	2818 3822
				Examiner Name	Albu, D. T. M. Thomas
				Attorney Docket Number	M4065.0989/P989

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First Named Inventor	Moore, John T.
Group Art Unit	2810-2822
Examiner Name	Nhu, D. T. M. Thomas

Attorney Docket Number M4065.0989/P989

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Examiner Signature	T. M. Thomas	Date Considered	06-29-05
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